



SEQUENCE LISTING

<110> Corvas International, Inc.

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Levy, Odile E

Brunck, Terence K

<120> NOVEL PEPTIDES AS NS-3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS

<130> IN01192-US

<140> 09/909,164

<141> 2001-07-19

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<151> 2000-07-21

<160> 62

<170> PatentIn version 3.1

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<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (11) .. (11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> norvaline- (CO)

<220>

<221> MISC_FEATURE

<222> (8) .. (9)

<223> D-amino acids

<400> 41

Glu	Glu	Val	Val	Pro	Xaa	Gly	Ser	Asp	Tyr	Ser
1				5					10	

<210> 42

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (11)..(11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> norvaline-(CO)

<220>

<221> MISC_FEATURE

<222> (8)..(8)

<223> Met(O)

<400> 42

Glu	Glu	Val	Val	Pro	Xaa	Gly	Xaa	His	Tyr	Ser
1				5					10	

<210> 43

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLATION

<220>

<221> MISC_FEATURE

<222> (8) .. (8)

<223> D-amino acid

<220>

<221> MISC_FEATURE

<222> (8) .. (8)

<223> Met (0)

<220>

<221> MOD_RES

<222> (11) .. (11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> norvaline- (CO)

<400> 43

Glu Glu Val Val Pro Xaa Gly Xaa Ser Tyr Ser
1 5 10

<210> 44

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (11) .. (11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (8) .. (9)

<223> D-amino acids

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> norvaline- (CO)

<220>

<221> MISC_FEATURE

<222> (8) .. (8)

<223> Met (O)

<400> 44

Glu	Glu	Val	Val	Pro	Xaa	Gly	Xaa	His	Tyr	Ser
1				5					10	

<210> 45

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (11) .. (11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> norvaline-(CO)

<220>

<221> MISC_FEATURE

<222> (8) .. (8)

<223> D-amino acid

<220>

<221> MISC_FEATURE

<222> (8) .. (8)

<223> Met (O)

<400> 45

Glu	Glu	Val	Val	Pro	Xaa	Gly	Xaa	Asp	Tyr	Ser
1				5					10	

<210> 46

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (11) .. (11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> norvaline-(CO)

<220>

<221> MISC_FEATURE

<222> (8) .. (9)

<223> D-amino acids

<220>

<221> MISC_FEATURE

<222> (8) .. (8)

<223> Met(O)

<400> 46

Glu	Glu	Val	Val	Pro	Xaa	Gly	Xaa	Asp	Tyr	Ser
1				5					10	

<210> 47

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (11)..(11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> valine-(CO)

<400> 47

Glu	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Ser
1				5					10	

<210> 48

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (11) .. (11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> leucine-(CO)

<400> 48

Glu	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Ser
1				5					10	

<210> 49

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1) .. (1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (11)..(11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> norleucine-(CO)

<400> 49

Glu	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Ser
1				5					10	

<210> 50

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (11)..(11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> 2-amino-butyric acid-(CO)

<400> 50

Glu	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Ser
1				5					10	

<210> 51

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (11)..(11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> (s,s)-allothreonine-(CO)

<400> 51

Glu	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Ser
1				5					10	

<210> 52

<211> 11

<212> PRT

<213> artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (11)..(11)

<223> AMIDATION

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> propynyl glycine-(CO)

<400> 52

Glu Glu Val Val Pro Xaa Gly Met Ser Tyr Ser
1 5 10

<210> 53

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Fmoc-Met

<220>

<221> MISC_FEATURE

<222> (2) .. (2)

<223> Ser(tBu)

<220>

<221> MISC_FEATURE

<222> (3) .. (3)

<223> Tyr(tBu)

<220>

<221> MISC_FEATURE

<222> (4) .. (4)

<223> Ser(tBu)-MBHA resin

<400> 53

Xaa Xaa Xaa Xaa
1

<210> 54

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Ac-Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (2) .. (2)

<223> Glu(OtBu)

<400> 54

Xaa Xaa Val Val Pro
1 5

<210> 55

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Fmoc-Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (4) .. (4)

<223> Pro-2ClTrt resin

<400> 55

Xaa Val Val Xaa
1

<210> 56

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Fmoc-Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (2) .. (2)

<223> Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (5) .. (5)

<223> Pro-2ClTrt resin

<400> 56

Xaa Xaa Val Val Xaa
1 5

<210> 57

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Ac-Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (2) .. (2)

<223> Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (5) .. (5)

<223> Pro-2ClTrt resin

<400> 57

Xaa Xaa Val Val Xaa
1 5

<210> 58

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Ac-Glu(OtBu)

<220>

<221> MISC_FEATURE

<222> (2) .. (2)

<223> Glu(OtBu)

<400> 58

Xaa Xaa Val Val Pro
1 5

<210> 59

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1) .. (1)

<223> Fmoc-norvaline(dpsc)

<220>

<221> MISC_FEATURE

<222> (4) .. (4)

<223> Ser(tBu)

<220>

<221> MISC_FEATURE

<222> (6) .. (6)

<223> Ser(tBu)-MBHA

<220>

<221> MISC_FEATURE

<222> (5) .. (5)

<223> Tyr(tBu)

<400> 59

Xaa Gly Met Xaa Xaa Xaa
1 5

<210> 60

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Ac-Glu (OtBu)

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Glu (OtBu)

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> norvaline (dpsec)

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Ser (tBu)

<220>

<221> MISC_FEATURE

<222> (11)..(11)

<223> Ser (tBu)-MBHA

<220>

<221> MISC_FEATURE

<222> (10)..(10)

<223> Tyr (tBu)

<400> 60

Xaa	Xaa	Val	Val	Pro	Xaa	Gly	Met	Xaa	Xaa	Xaa
1				5					10	

<210> 61

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Ac-Glu

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> norvaline (CO)

<220>

<221> MISC_FEATURE

<222> (11)..(11)

<223> Ser-MBHA

<400> 61

Xaa	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Xaa
1				5					10	

<210> 62

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Ac-Glu

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> norvaline-(CO)

<220>

<221> MISC_FEATURE

<222> (11)..(11)

<223> ser-NH2

<400> 62

Xaa	Glu	Val	Val	Pro	Xaa	Gly	Met	Ser	Tyr	Xaa
1				5					10	